

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



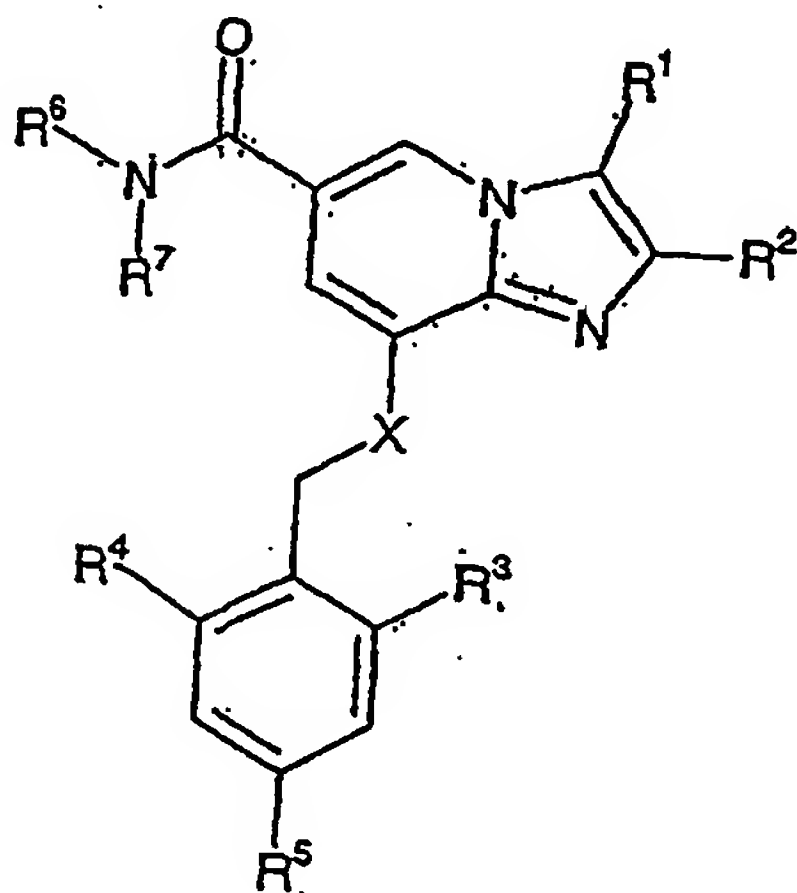
(43) International Publication Date
12 May 2005 (12.05.2005)

PCT

(10) International Publication Number
WO 2005/041961 A1

- (51) International Patent Classification⁷: **A61K 31/437**,
A61P 1/04
- (21) International Application Number:
PCT/SE2004/001589
- (22) International Filing Date:
3 November 2004 (03.11.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/517,125 3 November 2003 (03.11.2003) US
- (71) Applicant (for all designated States except US): AS-
TRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): FERNSTRÖM,
Paula [SE/SE]; AstraZeneca R & D Mölndal, S-431
83 Mölndal (SE). HASSELGREN, Göran [SE/SE];
AstraZeneca R & D Mölndal, S-431 83 Mölndal (SE).
- (74) Agent: ASTRAZENECA; Global Intellectual Property,
S-151 85 Södertälje (SE).
- (81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.
- (84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: IMIDAZO [1,2-A] PYRIDINE DERIVATIVES FOR THE TREATMENT OF SILENT GASTRO-ESOPHAGEAL RE-
FLUX



(I)

(57) Abstract: The present invention relates to a new method of treat-
ment of sleep disturbance due to silent gastro-esophageal reflux. In par-
ticular, the present invention relates to the use of certain imidazo (1,2-
a)pyridines derivatives (I) in said treatment.

WO 2005/041961 A1